

**Abstract of the Disclosure**

**[0070]** A method of correcting the refractive error in a cornea of an eye including separating a layer of the cornea into first and second internal surfaces, the first surface facing in a posterior direction and the second surface facing in an anterior direction. A laser then ablates an intracorneal lens, the intracorneal lens being retained by a robotic arm, and inserted proximate to at least one of the first and second internal surfaces using the robotic arm.

00000000-00000000